## SEQUENCE LISTING

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<110> Olsen et al.
<120> Stanniocalcin Polynucleotides, Polypeptides, and Methods Based
      Thereon
<130> PF108P2
<140> US 09/840,989
<141> 2001-04-25
<150> PCT/US00/29432
<151> 2000-10-26
<150> US 60/161,740
<151> 1999-10-27
<160> 12
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Ser Ala Val Leu Val Leu Val Ile Ser Ala Ser Ala Thr His Glu
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caa a Gln A			-								_	_		_	-	2	00
ggc t Gly C															_	2	48
ggg a Gly M	_		-		_				-		_	_	_			2	96
gac a Asp T 85		_			-		_			-			_		-	3	44
aac g Asn G																3	92
ttc c Phe G			_		-	_		_	_		_		_	_	_	4.	40
aat g Asn V		_	_		_						_				_	4	88
gtc o Val 0																	36
cga a Arg S 165																	84
agc o Ser I																6	32
ctg d Leu d																6	80
agg a Arg A	-	_				_	_	_	_		_						28
ctc c Leu A	_				_							_				7	76
gag a Glu s 245	-	-	taa	ccaq	gggag	gag g	gttat	tcad	ca ac	ctca	accaa	act	agta:	ıtca		8	28

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Ala Leu Gln Val Gly Cys Gly Ala Phe Ala Cys Leu Glu Asn Ser Thr 50 55

Cys Asp Thr Asp Gly Met Tyr Asp Ile Cys Lys Ser Phe Leu Tyr Ser 75 80 70 . 65 -

Ala Ala Lys Phe Asp Thr Gln Gly Lys Ala Phe Val Lys Glu Ser Leu 85 90

Lys Cys Ile Ala Asn Gly Val Thr Ser Lys Val Phe Leu Ala Ile Arg 105

Arg Cys Ser Thr Phe Gln Arg Met Ile Ala Glu Val Gln Glu Cys 115 120

Tyr Ser Lys Leu Asn Val Cys Ser Ile Ala Lys Arg Asn Pro Glu Ala

Ile Thr Glu Val Val Gln Leu Pro Asn His Phe Ser Asn Arg Tyr Tyr 145 150 155 160

Asn Arg Leu Val Arg Ser Leu Leu Glu Cys Asp Glu Asp Thr Val Ser 165 170 175

Thr Ile Arg Asp Ser Leu Met Glu Lys Ile Gly Pro Asn Met Ala Ser 180 185 190

Leu Phe His Ile Leu Gln Thr Asp His Cys Ala Gln Thr His Pro Arg 195 200 205

Ala Asp Phe Asn Arg Arg Thr Asn Glu Pro Gln Lys Leu Lys Val 210 215 220

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Ala Leu Ala Val Gly Cys Gly Thr Phe Ala Cys Leu Glu Asn Ser Thr 50 55 60

Cys Asp Thr Asp Gly Met His Asp Ile Cys Gln Leu Phe Phe His Thr 65 70 75 80

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Ser Thr Leu	Leu Gln S 165	Ser Leu Leu	Ala Cys Asp 170	Glu Glu Thr	Val Ala 175
Val Val Arg	Ala Gly I 180	Leu Val Ala	Arg Leu Gly 185	Pro Asp Met 190	Glu Thr
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Gly Pro Asn 210	Ser Ala I	Pro Ala Gly 215	Trp Arg Trp	Pro Met Gly 220	Ser Pro
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catcccc	gga tgagctgacc	aagaaccagg	tcagcctgac	ctgcctggtc	aaaggct	itct	480
atccaag	jega categeegtg	gagtgggaga	gcaatgggca	gccggagaac	aactaca	aaga	540
ccacgco	tcc cgtgctggac	tccgacggct	ccttcttcct	ctacagcaag	ctcacco	gtgg	600
acaagag	cag gtggcagcag	gggaacgtct	tctcatgctc	cgtgatgcat	gaggct	ctgc	660
acaacca	icta cacgcagaag	agcctctccc	tgtctccggg	taaatgagtg	cgacgg	cgc	720
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<210><211><211><212><213>	7 37 DNA Artificial Seq	uence		• .			
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	8 30 DNA Artificial Seq	uence			-		
<220> <223>	Contains the c	leavage sit	e for the re	estriction e	endonuci	Lease A	Asp71

<400>	8	
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	Artificial Sequence	
(213)	Altificial ocquence	
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<223>	Contains a BamHI restriction enzyme site followed by 6 nucleons resembling the efficient signal for translation.	tide
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9-93		3,
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	$\cdot$	
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